

SOUTH PRODUCTION NOTES

**January 24, 2014
Afternoon Shift**

**BASF EMPLOYEES
62 Last Recordable
207 Last Lost Time**

CRT's: When we run #5 we will need to check temperatures in the #5 baghouse and also keep an eye on the #5 Dust Collector stack for signs of powder coming out.

Make everyone aware that if we continue to make batches and DO store them in Building 27.....This will require the building to be regulated !

#1 MED Si-1624: MOD in GLs office morning. Start line up late day shift or afternoon shift once the following requirements are met.

Day shift: Need - powder room raws (**complete**), repack clay(**enough to start line**), install recipe (**complete**), place respirator signs (powder room, dryer bag off area) (**afternoon shift**), button up MED line vents (**complete**).

Afternoon Shift: Start up, place respirator signs (powder room & dryer bag off area), continue to repack clay

Midnight shift:

#1 RC / Si-1624: Should be ready.

Day shift: Need - put screener together (**complete**), discharge end set up.

Afternoon Shift: Finish discharge set-up and walk calciner and start up as manpower available.

Midnight shift:

Exhaust to Trimer

#2 MED line/ Cu-1230: Continue on. We will be making batches through the weekend. Versal and Cu 1160 is available for powder room...looking for Cu 1230 milled recycle. Was told by engineer that we can start without the milled recycle. Get samples to lab.

Day Shift: Need – continue to extrude batch 1 and proceed to make batches through Saturday per John Bodmann, get sample of dried material from batch 1 to the lab.

Fighting through batch 1 with no success.

Afternoon Shift: Drum off batch 1 if directed and continue on with next batch.

Midnight shift:

#2 RC/ Cu 1230: Bring temperatures up. Maintenance will not be working on the gear box. The replacement gear box is ordered with approximately a month lead time. Once the calciner goes through shutdown, start back up and feed as material is available. Original prognosis was a gear box leak possibly due to overfilling. We will run and monitor until the replacement gear box comes in.

Day shift: Went back and forth all day on the situation. Have been working on getting temperatures in control.

Afternoon Shift: Get temperatures in control.

Midnight Shift:

Exhausting to CTO

#3 MED line / D-1798 NAQ: Continue on.

Day shift: Need - dryer belt oscillating repairs **(complete)** and start running.

Afternoon Shift: Start back up. Material in pulva, if it does not extrude, drum it off.

Midnight Shift:

#3 RC/ D-1798 NAQ: Continue on once we get the calciner lit.

Day shift: Needed – clean filter **(complete)** and light, waiting on temps to get in line with set point prior to feeding.

Afternoon Shift: Verify temps in control, start feeding.

Midnight shift:

Exhausting to CTO

Old Pfaudler – D 1795 done: Pfaudler and hopper rinsed.

Day Shift: **Hold.**

Afternoon Shift: Hold

Midnight shift: Hold

Tank 7 / AMT for D-1795 NAQ: No solution in tank, just dried material that probably is causing indicator malfunction.

Day shift: **Hold.** Work notification written to inspect and repair/recalibrate level indicator on tank.

Afternoon Shift: Tank needs to be acid washed and cleaned out in order for IMC to repair level indicator. Please have this done by Monday.

Midnight shift: Hold

New Pfaudler / Ni-2458 : Continue on afternoon shift. Solution has been checked and modified with 420 lbs of copper nitrate from the north end. Last batch 236.

Day shift: Need – tank 6 results – complete

Afternoon Shift: Start next batch (235)

Midnight shift:

Tank 6 / Ni Solution: Solution good to go. Change order sheet has been updated.

Day shift: Need - tank 6 results – complete

Afternoon Shift: Solution Good

Midnight Shift: Solution Good

National Dryer / Ni 2458 : Continue feeding / keep temperature close to 80 degrees.

Day shift: Nothing to feed.

Afternoon shift: Start feeding as material is ready

Midnight shift:

#4 RC / Ni 2458: Start up and begin feeding

Day shift: Need – Superior Erection to take down section of 4rc / trimer line, clean, re-install (complete), light up calciner after complete, start up trimer.

Afternoon Shift: Start up Trimer, light calciner, bring temperatures up and start feeding.

Midnight shift:

Exhaust to Trimer

PK Blender / OxyVinyl Catoxid: Continue. Use 112 Bags. Bodmann making changes to Chrome needs.

Day shift: Continue on

Afternoon Shift: Continue on.

Midnight shift:

#5 RC / OxyVinyl Catoxid next: Ran past 24 hours but stopped mid midnight shift to repair loading hose. Currently stopped to inspect HEPA filter, will restart this morning after inspection. Keep an eye on bag house temps and DC pressure drops.

Day shift: Need – Inspect HEPA prior to starting feed – **complete**

Afternoon Shift: Continue on.

Midnight shift:

Exhaust to 5DC

Tower 3 / Cu-1986: Continue on.

Day shift: Cooking since mass spec issue was rectified.

Afternoon shift: Continue on.

Midnight Shift: Continue on.

Tower 6 / E-474: Continue on.

Day shift: Cooking since pressure issue was rectified.

Afternoon shift: Continue On.

Midnight Shift: Continue On.

Harrop Kiln - Al-3921 T 3/16”: Down... saggars have been removed, screener parts at TK#2

Day shift: Down

Afternoon Shift: Down

Midnight Shift: Down.

North Screener / E 474: Continue on.

Day shift: Continue on.

Afternoon Shift: Continue on.

Midnight shift: Continue on.

South Screener / Cu 1986: Continue on.

Day shift: Continue on.

Afternoon Shift: Continue on.

Midnight shift: Continue on.

#6 - RC / D-0756: Will need to eventually clean the spiral, calciner and screener.

Day Shift: Down

Afternoon shift: Down

Midnight shift: Down

Exhaust to Sly Scrubber

Tunnel Kiln #2 / V-2045 is next: Start changing over the saggars on TK 2 to the vanadium saggars after we complete Tk4 job.

Day shift: Continue changing saggars (several cars remaining)

Afternoon Shift: Bring temps down on TK4, make sure belt on #4 vacuumed, close up fines drums

Midnight shift:

Tunnel Kiln #4 / Cu-0540 done: Let's be proactive and start changing over the saggars on TK 2 to the vanadium saggars after we complete this job.

Day shift: Still need to finish cleaning belt, perform weekly eye bath/safety shower PMs (complete)

Afternoon Shift:

Midnight shift:

#2662 Pill Machine / AI-3917 3/16: Finished. Holding for decision to switch to 3915.

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Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maintenance issues.

- 1) D-1798 NAQ Base – #3 MED/#3 RC
- 2) Reduction Towers, Specifically Tower 6 E-474 TRL reduction and screening. Continue to run Cu-1986 TRL through Tower 3.
- 3) Catoxid – PK
- 4) Ni-2458 E – West Pfaudler/National Dryer/#4RC
- 5) Catoxid – #5 RC
- 6) Cu-1230 E – #2 MED/#2 RC
- 7) Si-1624 E – #1 MED/#1 RC (scheduled start date is Monday, can be started earlier if labor is available)